

# Uttam kumar Sahoo

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

635  
citations

623699

14  
h-index

642715

23  
g-index

47  
all docs

47  
docs citations

47  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active and passive soil organic carbon pools as affected by different land use types in Mizoram, Northeast India. PLoS ONE, 2019, 14, e0219969.	2.5	88
2	Patterns and driving factors of biomass carbon and soil organic carbon stock in the Indian Himalayan region. Science of the Total Environment, 2021, 770, 145292.	8.0	56
3	Allometric Models for Estimation of Forest Biomass in North East India. Forests, 2019, 10, 103.	2.1	48
4	Evaluation of ecosystem carbon storage in major forest types of Eastern Himalaya: Implications for carbon sink management. Journal of Environmental Management, 2022, 302, 113972.	7.8	34
5	Agroforestry land suitability analysis in the Eastern Indian Himalayan region. Environmental Challenges, 2021, 4, 100199.	4.2	32
6	Impact of anthropogenic disturbance on species diversity and vegetation structure of a lowland tropical rainforest of eastern Himalaya, India. Journal of Mountain Science, 2018, 15, 2453-2465.	2.0	25
7	Plant biodiversity and carbon sequestration potential of the planted forest in Brahmaputra flood plains. Journal of Environmental Management, 2021, 280, 111671.	7.8	24
8	Quantifying Tree Diversity, Carbon Stocks, and Sequestration Potential for Diverse Land Uses in Northeast India. Frontiers in Environmental Science, 2021, 9, .	3.3	21
9	A critical review of forest biomass estimation equations in India. Trees, Forests and People, 2021, 5, 100098.	1.9	20
10	Vegetation and ecosystem carbon recovery following shifting cultivation in Mizoram-Manipur-Kachin rainforest eco-region, Southern Asia. Ecological Processes, 2020, 9, .	3.9	20
11	Pattern of forest recovery and carbon stock following shifting cultivation in Manipur, North-East India. PLoS ONE, 2020, 15, e0239906.	2.5	19
12	Soil organic carbon stock of different land uses of Mizoram, Northeast India. AIMS Geosciences, 2019, 5, 25-40.	1.0	19
13	A Geospatial Approach to Understand the Dynamics of Shifting Cultivation in Champhai District of Mizoram, North-East India. Journal of the Indian Society of Remote Sensing, 2018, 46, 1713-1723.	2.4	17
14	Effect of Land Use Changes on Carbon Stock Dynamics in Major Land Use Sectors of Mizoram, Northeast India. Journal of Environmental Protection, 2018, 09, 1262-1285.	0.7	17
15	Assessment of Growth, Carbon Stock and Sequestration Potential of Oil Palm Plantations in Mizoram, Northeast India. Journal of Environmental Protection, 2018, 09, 912-931.	0.7	16
16	Stability of soil organic carbon pools affected by land use and land cover changes in forests of eastern Himalayan region, India. Catena, 2022, 215, 106308.	5.0	15
17	Soil organic carbon estimation along an altitudinal gradient of chir pine forests in the Garhwal Himalaya, India: A field inventory to remote sensing approach. Land Degradation and Development, 2022, 33, 3387-3400.	3.9	15
18	Parkia roxburghii, an underutilized tree bean for food, nutritional and regional climate security. Trees, Forests and People, 2021, 4, 100065.	1.9	14

#	ARTICLE	IF	CITATIONS
19	Forests litter dynamics and environmental patterns in the Indian Himalayan region. <i>Forest Ecology and Management</i> , 2021, 499, 119612.	3.2	14
20	Ethnic homestead forests of North-East India revealed as diverse land-use systems. <i>Agroforestry Systems</i> , 2022, 96, 465-478.	2.0	14
21	Biomass estimation models, biomass storage and ecosystem carbon stock in sweet orange orchards: Implications for land use management. <i>Acta Ecologica Sinica</i> , 2021, 41, 57-63.	1.9	12
22	Tree species composition, diversity and soil organic carbon stock in homegardens and shifting cultivation fallows of Mizoram, Northeast India. <i>Vegetos</i> , 2021, 34, 220-228.	1.5	11
23	Oil palm agroforestry enhances crop yield and ecosystem carbon stock in northeast India: Implications for the United Nations sustainable development goals. <i>Sustainable Production and Consumption</i> , 2022, 30, 478-487.	11.0	11
24	Developing tree volume equation for <i>Parkia timoriana</i> grown in home gardens and shifting cultivation areas of North-East India. <i>Forests Trees and Livelihoods</i> , 2019, 28, 227-239.	1.2	10
25	Spatial and temporal dynamics of shifting cultivation in Manipur, Northeast India based on time-series satellite data. <i>Remote Sensing Applications: Society and Environment</i> , 2019, 14, 126-137.	1.5	10
26	Soil erosion assessment using revised universal soil loss equation model and geo-spatial technology: A case study of upper Tuirial river basin, Mizoram, India. <i>AIMS Geosciences</i> , 2020, 6, 525-544.	1.0	7
27	Evaluating the Role of Community-Managed Forest in Carbon Sequestration and Climate Change Mitigation of Tripura, India. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	6
28	Regeneration Potential of Forest Vegetation of Churdhar Wildlife Sanctuary of India: Implication for Forest Management. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	6
29	Tree diversity and carbon important species vary with traditional agroforestry managers in the Indian Eastern Himalayan region. <i>Environmental Science and Pollution Research</i> , 2022, 29, 64732-64744.	5.3	6
30	Effectiveness of Neem ( <i>Azadirachta indica</i> A. Juss) Oil against Decay Fungi. <i>Science &amp; Technology Journal</i> , 2017, 5, 48-51.	0.0	5
31	Mizo Homegardens promote biodiversity conservation, nutritional security and environmental development in northeast India. <i>Acta Ecologica Sinica</i> , 2022, 42, 520-528.	1.9	4
32	Effects of different pre-treatments and germination media on seed germination and seedling growth of <i>Parkia timoriana</i> (DC.) Merr. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2017, 5, 98-105.	0.4	3
33	Leaf Litter Decomposition and Nutrient Release Dynamics of <i>Flemingia semialata</i> Roxb. - A Potential Woody Perennial Species for Mountain Agroforestry. <i>Journal of Sustainable Forestry</i> , 2023, 42, 472-486.	1.4	3
34	Changes in <i>Madhuca latifolia</i> Macbride seed oil content and quality upon storage at different duration and condition. <i>Vegetos</i> , 2021, 34, 422-431.	1.5	2
35	EFFECT OF AGROCLIMATE ON SEED AND SEEDLING TRAITS OF TREE BEAN ( <i>Parkia timoriana</i> (DC) Merr.) IN NORTH EAST INDIA. <i>Indonesian Journal of Forestry Research</i> , 2019, 6, 17-26.	0.3	2
36	Forest Dwellers's Perception on Climate Change and Their Adaptive Strategies to Withstand Impacts in Mizoram, North-East India. <i>Journal of Environmental Protection</i> , 2018, 09, 1372-1392.	0.7	2

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37	PROVENANCE VARIATIONS OF MORPHOMETRIC TRAITS AND OIL CONTENTS OF <i>Madhuca latifolia</i> MACBRIDE IN ODISHA: IMPLICATION FOR TREE IMPROVEMENT. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2020, 8, 224-232.	0.4	2
38	Tree species diversity in relation to site quality and home gardens types of North-East India. <i>Agroforestry Systems</i> , 2022, 96, 187-204.	2.0	2
39	Influence of socio-economic factors on the existing shifting cultivation practice in Champhai district of Mizoram. <i>Journal of Hill Agriculture</i> , 2018, 9, 325.	0.0	1
40	FLORISTIC COMPOSITION AND REGENERATION STATUS OF <i>Emblica officinalis</i> GAERTN. IN TWO SEMI-EVERGREEN FOREST STANDS OF MANIPUR, INDIA Laishram Lilabati, Utta. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2018, 6, 563-571.	0.4	0
41	Title is missing!. , 2020, 15, e0239906.		0
42	Title is missing!. , 2020, 15, e0239906.		0
43	Title is missing!. , 2020, 15, e0239906.		0
44	Title is missing!. , 2020, 15, e0239906.		0
45	Title is missing!. , 2020, 15, e0239906.		0
46	Title is missing!. , 2020, 15, e0239906.		0